

DIRECTORY OF NAVAL TRAINING DEVICES

NO ILLUSTRATION AVAILABLE

FFG-7 OIL DISTRIBUTION BOX MOCKUP, DEVICE 19E27

TRAINING CATEGORY:

PROPULSION ENGINEERING (Equipment Maintenance)

ORIGINATING AGENCY:

CNET

SECURITY CLASSIFICATION:

Device 19E27 is unclassified.

FUNCTIONAL DESCRIPTION:

Device 19E27 will be a one-half scale, three dimensional hand operable mockup of the controllable, reversible pitch ship propeller, oil distribution box. The mockup will be sectionalized to reveal the valves, valve rod assembly, Prairie Air assembly, electrohydraulic servo valve, and manual control valve. The device will illustrate all the mechanical components, hydraulic components, and hydraulic pressure necessary to demonstrate the train of action. All components of

the mockup will be identified with numbers and will be color coded for greater visibility. A nomenclature plate shall be provided on the stand. A support stand with four (4) rubber tired, swivel, locking casters and a vinyl plastic dust cover will be furnished with the device.

No power is required. The device will be utilized two (2) hours per day, ten (10) hours per week, forty (40) weeks per year. Estimated life of the device is fifteen (15) years.

ENVIRONMENTAL CHARACTERISTICS:

The device will be able to withstand constant classroom use and will not be adversely affected in any manner during storage or transportation when under ambient temperatures of -5° to 125° F and humidity ranges of 95%.

PUBLICATIONS FURNISHED:

An instructor guide for operation and maintenance and a device summary sheet will be provided with the device.

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PERSONNEL:

Instructor - One (1)
Trainees - Classroom

CONTRACT IDENTIFICATION:

Manufactured by Bird-Johnson Co., Walpole,
MA under NAVTRASYSCEN Contract No. N61339-
80-C-0028.

LOCAL STOCK NUMBER:

6910-LL-C00-4988